

FLEXIDRUM® TD 210 C

High speed continuously flexible PUR halogen-free with colored cores and overall copper screen, DIN VDE 300/500 UL/CSA 300 V



ELETTROTEK KABEL® FLEXIDRUM® TD 210 C



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC. TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	ACC. TO DIN 47100
STRANDING:	IN LAYERS
WRAPPING:	NETTING TAPE OVER EACH LAYER AND OVERALL NON-WOVEN TAPE
SCREEN:	TINNED COPPER BRAID
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	GREY (RAL 7032), PUR TYPE TMPU, ACC. TO DIN VDE 0282 PART 10 + HD 21.1

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
 DIN VDE 0482 PART 265-2-1
 EN 50265-2-1
 IEC 60332-1-2
 UL VW-1, CSA FT1, (ACC. TO DIMENSION) FT2



OIL RESISTANCE:
 VERY GOOD TMPU ACC. TO DIN VDE 0282 PART 10
 DIN VDE 0473 PART 811-2-1
 IEC EN 60811-2-1



HALOGEN FREE ACC. TO:
 DIN VDE 0482 PART 267,
 EN 50267-2-1,
 IEC 60754-1

Technical data:

NOMINAL VOLTAGE:	DIN VDE: U ₀ /U 300/500 V UL/CSA: 300 V
TEST VOLTAGE:	1,5 kV ACC. TO DIN VDE 0472 PART 509 CORE/SCREEN 1,2 kV
TEMPERATURE RANGE:	DIN VDE: UL/CSA:
FIXED LAYING:	- 50°C UP TO + 90°C UP TO + 80°C
FLEXIBLE INSTALLATION:	- 40°C UP TO + 90°C
RADIATION RESISTANCE:	5 x 10 ⁷ cJ/kg
MIN. BENDING RADIUS:	
CONTINUOUSLY FLEXIBLE:	7,5 x D
MAX SPEED (MAIN APPLICATION):	250 mt/min

Features:

FLEXIBLE AT LOW TEMPERATURES
 HIGH ABRASION RESISTANCE
 MAT SURFACE OUTER SHEATH
 GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC

AWM STYLE 21198 80°C 300V
CSA AWM I/II A/B 80°C 300V FT1 FT2 CE



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Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
36360C64030A26	3 x 0,14	3,8	13	22	26
36360C64040A26	4 x 0,14	4,1	16,2	27	26
36360C64050A26	5 x 0,14	4,3	17,7	32	26
36360C64070A26	7 x 0,14	4,9	22,7	45	26
36360C64100A26	10 x 0,14	5,6	41	50	24
36360C64140A26	14 x 0,14	6,3	45	58	26
36360C64180A26	18 x 0,14	6,7	53,2	82	26
36360C64250A26	25 x 0,14	7,8	71,2	105	26
36360C64030A24	3 x 0,25	4,8	18,1	28	24
36360C64040A24	4 x 0,25	5,1	20,7	33	24
36360C64050A24	5 x 0,25	5,5	25,1	43	24
36360C64070A24	7 x 0,25	6,2	32,5	55	24
36360C64100A24	10 x 0,25	6,8	52	65	24
36360C64140A24	14 x 0,25	7,5	62	75	24
36360C64180A24	18 x 0,25	8,5	75,6	108	24
36360C64250A24	25 x 0,25	10	100,8	135	24
36360C64030A22	3 x 0,34	5,1	20,4	35	22
36360C64040A22	4 x 0,34	4,5	26,2	44	22
36360C64050A22	5 x 0,34	5,8	29,7	54	22
36360C64070A22	7 x 0,34	6,6	53	65	22
36360C64100A22	10 x 0,34	7,2	65	85	22
36360C64140A22	14 x 0,34	8	75	100	22
36360C64180A22	18 x 0,34	9	96,6	128	22
36360C64250A22	25 x 0,34	10,8	131,5	170	22
36360C64030A20	3 x 0,5	5,7	43,6	58	20

Other dimension and colours available on request.